



COPY OF PAPERS  
ORIGINALLY FILED

7217/66555

Pre-Amendment  
#5  
T.D.  
06/20/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Makoto AKUNE, et al.  
Serial No. : 10/079,800  
Filed : February 20, 2002  
For : DIGITAL SIGNAL PROCESSING APPARATUS AND METHOD

I hereby certify that this paper is being deposited this date with  
the U.S. Postal Service as first class mail addressed to :  
Assistant Commissioner for Patents, Washington, D.C. 20231

JAY H. MAIOLI  
Reg. No. 27,213

Date  
May 16, 2002

RECEIVED

MAY 31 2002

Technology Center 2100

May 16, 2002  
1185 Avenue of the Americas  
New York, NY 10036  
(212) 278-0400

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Prior to the initial examination of the above-identified application, Applicants respectfully request that the application be amended as follows:

IN THE ABSTRACT

Please amend the abstract by rewriting same to read as follows.

A --A normalizer normalizes the power of a dither signal calculated by a power calculator based on the average power of a PCM signal in the range of 18 kHz to 20 kHz, wherein the